

Abstract

A multi-phase linear motor (1) that comprises a number of magnets (2i) side by side with multiple phase coils (3i) in which alternating currents that are offset by a predetermined value are made to flow, whereby the interaction between said magnets (2i) and said phase coils (3i) causes a relative linear displacement of magnets (2i) with respect to phase coils (3i). In the linear motor in question, said phase coils (3i) lie on an axis (L) that is perpendicular to the direction of motion.

Attached Figure 3 is to be published.